

Abstract

A device for detecting the pressure in a combustion chamber of an engine is designed in such a way that the combustion-chamber pressure can be detected reliably and reproducibly.

- 5 For this purpose, a glow element (17) in a glow plug (11), exposed to the combustion-chamber pressure, is fixedly mounted in a housing (13) of the glow plug (11) via a fastening element (22). A sensor (26) is fixedly mounted in the housing (13) of the glow plug (11) using this fastener (29) located at a distance from the fastening element (22). This sensor (26) detects the elastic deformation of the glow
10 element (17) caused by the combustion-chamber pressure.

This device is preferably used in the automobile industry.

(Figure)